

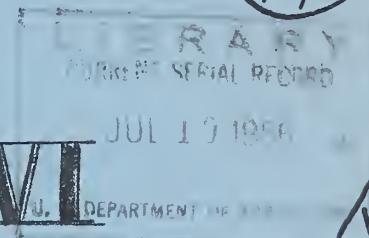
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UNITED STATES DEPARTMENT OF AGRICULTURE  
Motion Picture Service, Office of Information  
Washington, D. C.



VOLUME VI

TV  
FILM CLIP  
LIBRARY

MAY 1956



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TV FILM CLIP LIBRARY

Volume VI  
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The Motion Picture Service of the U. S. Department of Agriculture offers a stock scene library service to land-grant colleges and other organizations and individuals interested in using agricultural motion picture footage in the production of films and television programs. Lists of stock scenes available will be published as material is added to the library.

It is suggested that these lists be kept in a ready reference file. Further cataloging or cross-indexing will be at the discretion of the user. Scenes should be ordered by scene numbers and descriptions, and in the length indicated. Double-perforated film stock will be furnished by the Motion Picture Service unless otherwise specified.

A check or money order made out to the "Office of Information, USDA" must accompany each order. Formal purchase orders will be accepted from Federal and State Government agencies. Orders should be submitted in duplicate and will usually be processed within a maximum of 10 working days.

The following price schedule will be in effect until further notice. These prices are based on costs of printing, processing, packaging, and mailing:

Scenes:

|  |                 |
|--|-----------------|
| 16mm black-and-white prints .....            | \$ 0.10 per ft. |
| 16mm black-and-white duplicating negative .. | 0.25 per ft.    |
| 16mm color prints (made from original) ..... | 0.25 per ft.    |
| MINIMUM ORDER .....                          | \$ 5.00         |

If you have not already received Volumes I through V of the TV Film Clip Library, copies may be obtained by writing to the Motion Picture Service, U. S. Department of Agriculture, Washington 25, D. C.

Abbreviation Code

|                        |                        |
|------------------------|------------------------|
| CU - Close-up          | DV - Distant view      |
| MCU - Medium close-up  | DAV - Distant air view |
| ECU - Extra close-up   | AV - Air view          |
| MS - Medium shot       | LS - Long shot         |
| MLS - Medium long shot | ELS - Extra long shot  |
| FG - Foreground        | BG - Background        |

Miscellaneous Scenes - Wildlife

The following footage was supplied by the Forest Service of the U. S. Department of Agriculture:

| <u>Scene No.</u>  |     | <u>Description</u>  | <u>Footage</u> |
|---|-----|---|----------------|
| <u>ANTELOPE</u>   |     |   |                |
| B1  | CU  | Antelope walks across frame - block of salt in BG   | $2\frac{1}{2}$ |
| B2  | CU  | Antelope grazing - walks out of picture   | 3              |
| B3  | CU  | Antelope walks to camera - deer in BG   | 4              |
| B4  | MS  | Antelope lifts head and stands still - side view - salt block in FG                               | $3\frac{1}{2}$ |
| <u>BEARS</u> (Scenes B5 through B18 are of same bears at same location) |     |   |                |
| B5  | CU  | Bear - head in pine bough on ground - pan as he lifts head and looks around - side view           | $5\frac{1}{2}$ |
| B6  | MCU | Bears (two) with backs to camera - one reaches for leaves on a tree which are close to the ground | $5\frac{1}{2}$ |
| B7  | MS  | Bear standing - holds to tall stump   | $3\frac{1}{2}$ |
| B8  | MCU | Bear climbs stump   | 4              |
| B9  | MCU | Bear sitting - gets up and stands against limb of tree  | $1\frac{1}{2}$ |
| B10   | MCU | Bear sitting with head down eating  | 2              |
| B11   | MCU | Bears (two) - one walks out of frame to camera, the other walks from camera to BG                 | 4              |
| B12   | CU  | Bear - side view - standing - walks out of frame  | 2              |
| B13   | CU  | Bear - head to camera - playing with twig, comes to camera  | 5              |
| B14   | CU  | Bear playing on ground  | 3              |
| B15   | MCU | Bear - head down rooting in pine bough  | $3\frac{1}{2}$ |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> | <u>Description</u> |  | <u>Footage</u>  |
|------------------|--------------------|--|-----------------|
| B16              | MS                 | Same as B15  | 4 $\frac{1}{2}$ |
| B17              | MS                 | Bears (two) - one walks out of picture,<br>the other roots around in pine boughs | 10              |
| B18              | MS                 | Bear rooting around in pine boughs   | 7               |
| * * *            |                    |  |                 |
| B19              | MLS                | Bear climbing tree   | 2               |
| B20              | MLS                | Three bears climbing same tree as above  | 3 $\frac{1}{2}$ |
| B21              | MCU                | Two bears climb higher in same tree as<br>above                                  | 2               |
| B22              | MCU                | Same as B21  | 2               |
| B23              | MCU                | Bears in same tree as above - look down  | 3 $\frac{1}{2}$ |
| B24              | LS                 | Bear walking on snow - from right to<br>left across frame - forest in BG         | 9               |
| B25              | MCU                | Same bear as in B24  | 1 $\frac{1}{2}$ |
| B26              | MCU                | Bear in aspen tree against blue sky -<br>bear backlit                            | 6               |
| B27              | MS                 | Same as B26  | 2               |
| B28              | MCU                | Two bears in aspen tree - one climbs<br>higher                                   | 6 $\frac{1}{2}$ |
| B29              | MCU                | Same two bears as in B28 - they come<br>down tree - one comes to the ground      | 11              |
| B30              | LS                 | Three bears in tree playing  | 7               |
| B31              | MLS                | Same as B30  | 7               |
| B32              | MS                 | Same as B30  | 7               |
| B33              | MCU                | Bear standing on tree root in stream<br>drinking water                           | 4               |

BEAVER

|     |    |                          |   |
|-----|----|--------------------------|---|
| B34 | LS | Beaver dam across stream | 4 |
| B35 | MS | Same as above            | 2 |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> | <u>Description</u> |                              | <u>Footage</u> |
|------------------|--------------------|------------------------------|----------------|
| B36              | MS                 | Beavers (two) in green grass | 5              |

BUFFALOES

|     |     |   |                 |
|-----|-----|---|-----------------|
| B37 | LS  | Buffaloes on range - pan to show herd - blue sky - few hills with scattered trees in BG | 14              |
| B38 | MCU | Buffaloes on range - same as B37 - fewer animals  | 3               |
| B39 | LS  | Buffaloes on range - Same as B37 - no pan   | 7               |
| B40 | MCU | Four buffaloes - one wallows in dirt  | 4 $\frac{1}{2}$ |
| B41 | MCU | Three buffaloes eating grass - down shot  | 3 $\frac{1}{2}$ |
| B42 | CU  | Buffalo calf - face to camera - turns head  | 4               |
| B43 | MCU | Three buffaloes standing near pine trees - calf nursing mother                          | 9               |
| B44 | MLS | Mother and calf - mother eating salt  | 5               |
| B45 | MCU | Mother and calf eating salt   | 5               |
| B46 |     | Same as above   | 4               |
| B47 |     | Same as above   | 5               |
| B48 | LS  | Several buffaloes on range - blue sky - few trees in BG                                 | 6               |
| B49 | CU  | Heads of mother and calf eating salt - side view  | 2 $\frac{1}{2}$ |
| B50 | CU  | Mother eating salt - turns head, calf comes into frame and eats                         | 5               |
| B51 | MS  | Buffalo eating salt - head to camera  | 4               |
| B52 | CU  | Mother and calf at salt block   | 3               |
| B53 | LS  | Mother and calf on range - blue sky   | 5               |
| B54 | MS  | Mother and calf eating salt - up shot against sky                                       | 3               |
| B55 | MLS | Several buffaloes around salt block - few trees in BG - blue sky                        | 10              |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u>                  |     | <u>Description</u>   | <u>Footage</u> |
|-----------------------------------|-----|--|----------------|
| <u>COYOTE</u> (All same location) |     |  |                |
| B56                               | CU  | Coyote walks around in opening at edge of forest - pine boughs and log on ground - down shot (appears to be trapped) | 5              |
| B57                               | CU  | Same as B56  | 3              |
| B58                               | CU  | Same as above - chews on pine bough  | 5              |
| B59                               | CU  | Same as above  | 3½             |
| B60                               | CU  | Same as B56  | 5½             |
| B61                               | MCU | Same as above - coyote plays with bough  | 6½             |
| B62                               | CU  | Same as B56  | 3              |
| B63                               | CU  | Coyote walks around  | 6              |
| B64                               | ECU | Head of coyote - moves around  | 6              |
| B65                               | ECU | Same as B64  | 5              |
| B66                               | ECU | Same as B64  | 4              |
| B67                               | MS  | Coyote moves around  | 9              |
| B68                               | MS  | Coyote - same as B67   | 3              |
| B69                               | MS  | Same as B67 - walks out of picture   | 4              |
| B70                               | MS  | Same as B67 - moves slightly - side view   | 7½             |
| <u>DEER</u>                       |     |  |                |
| B71                               | LS  | Silhouette of deer in grove - backlit  | 3½             |
| B72                               | LS  | Same as B71 - deer looks scared  | 3              |
| B73                               | LS  | Three deer move across frame - blue lake in BG - limbs of trees frame picture  | 4              |
| B74                               | LS  | Mule deer walking in meadow, tail up   | 3½             |
| B75                               | LS  | Same as B74  | 5½             |
| B76                               | MS  | Same deer as B75 - stands and looks around   | 3½             |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>   |
|------------------|-----|---|------------------|
| B77              | CU  | Same deer as B75 - eating grass - raises head out of frame - side view                      | 3                |
| B78              | CU  | Same as B77 - looks away from camera  | 5                |
| B79              | LS  | One deer silhouetted in grove - does not move   | 3                |
| B80              | LS  | Two deer drinking from small lake in FG - range in BG                                       | 13 $\frac{1}{2}$ |
| B81              | MS  | Five mule deer walk across frame - one turns and looks at camera - up shot against blue sky | 3 $\frac{1}{2}$  |
| B82              | CU  | Fawn twins - backs to camera - turn slightly - green BG with small trees                    | 3                |
| B83              | CU  | Fawn nibbles on leaves - another at side of frame   | 7 $\frac{1}{2}$  |
| B84              | CU  | Same as B83   | 5 $\frac{1}{2}$  |
| B85              | CU  | Same as B84 - fawn plays around   | 10               |
| B86              | CU  | Same as above   | 7 $\frac{1}{2}$  |
| B87              | CU  | Fawn raises head and looks around - another fawn in BG                                      | 5                |
| B88              | CU  | Fawn - head up, looks around - side view  | 2                |
| B89              | MS  | Buck deer in the velvet on range - walks to camera  | 2 $\frac{1}{2}$  |
| B90              | MS  | Same as above - turns head  | 3                |
| B91              | MCU | Buck walks to camera, jumps back - another buck enters picture - they start fighting        | 7                |
| B92              | MCU | Spike buck (in the velvet) - side view, head to camera - aspen grove in BG                  | 2 $\frac{1}{2}$  |
| B93              | CU  | Male deer eating grass  | 2                |
| B94              | LS  | Two deer on range - aspen trees in BG   | 2                |
| B95              | LS  | Same as above (three deer)  | 4                |
| B96              | MCU | Spike buck grazing  | 3 $\frac{1}{2}$  |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B97              | MS  | Spike buck walks across frame - right to left - aspen grove in BG                   | 3 $\frac{1}{2}$ |
| B98              | MS  | Four deer in aspen grove eating grass - they appear to be frightened                | 4 $\frac{1}{2}$ |
| B99              | MS  | Same as above   | 4               |
| B100             | MS  | Same as above   | 4               |
| B101             | CU  | Deer - side view - looking at camera - starts to graze                              | 2 $\frac{1}{2}$ |
| B102             | LS  | Two fawns in aspen grove  | 3               |
| B103             | LS  | Two fawns in aspen grove eating grass - side view                                   | 6               |
| B104             | MCU | Spike buck in aspen grove   | 3               |
| B105             | MCU | Two deer in aspen grove   | 2 $\frac{1}{2}$ |
| B106             | ECU | Head of fawn - front view   | 3               |
| B107             | ECU | Same as above - side view   | 2               |
| B108             | MS  | Deer on range - walks across frame - stops and looks at camera                      | 7               |
| B109             | LS  | Deer in picnic area - walks across frame to pond and drinks - couple of quick pangs | 18              |
| B110             | MS  | Deer eating salt on range   | 5 $\frac{1}{2}$ |
| B111             |     | Same as above   | 4 $\frac{1}{2}$ |
| B112             |     | Same as above   | 4               |
| B113             |     | Same as above   | 2 $\frac{1}{2}$ |
| B114             | MLS | Two fawns in aspen grove  | 4               |
| B115             | MLS | Same as above   | 3               |
| B115a            |     | Same as above   | 5               |

DUCKS

|      |    |   |   |
|------|----|---|---|
| B116 | MS | Mallard ducks (two) swim in muddy water | 2 |
|------|----|---|---|

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u>   |     | <u>Description</u>   | <u>Footage</u>  |
|--------------------|-----|--|-----------------|
| B117               | MS  | Several mallard ducks swimming in blue water                           | 6 $\frac{1}{2}$ |
| B118               | MS  | Two ducks swimming   | 6               |
| B119               | CU  | Nest with six duck eggs  | 4               |
| B120               | LS  | Duck and ducklings swimming in very blue water - action, right to left | 5               |
| B121               | LS  | Duck and ducklings swimming in lake - green grass in water and BG      | 4 $\frac{1}{2}$ |
| B122               | LS  | One duck swimming and fishing in blue shadowy water - down shot        | 9               |
| B123               | LS  | Few ducks swimming and fishing in blue shadowy lake - black BG         | 13              |
| B124               | LS  | Ducks swimming in a marshy lake - late evening shot                    | 4               |
| B125               | ELS | Ducks (three or four) swimming in lake                                 | 2 $\frac{1}{2}$ |
| B126               | LS  | Same as above  | 2 $\frac{1}{2}$ |
| B127               | MS  | Ducks swimming (only a few)  | 10              |
| B128               | MS  | Four ducks swimming in lake - down shot                                | 9               |
| B129               | LS  | Ducks swimming in lake - down shot - pan                               | 7               |
| B130               | MS  | Same as above  | 5               |
| B131               | MS  | Same as above  | 2 $\frac{1}{2}$ |
| B132               | MS  | Same as above  | 3               |
| B133               | MS  | Ducks feeding on lake - down shot                                      | 6               |
| B134               | MS  | Mother duck and duckling feeding on lake                               | 5               |
| <hr/> <u>EAGLE</u> |     |  |                 |
| B135               | CU  | Eagle, side view, against dark tree trunk                              | 2 $\frac{1}{2}$ |
| B136               | CU  | Same as above - looks around - bird blends with tree                   | 2               |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> | <u>Description</u> |              | <u>Footage</u> |
|------------------|--------------------|--------------|----------------|
| B137             | CU                 | Same as B136 | 5              |
| B138             | CU                 | Same as B136 | 5              |

ELK

|      |     |  |                 |
|------|-----|--|-----------------|
| B139 | LS  | Elk herd on winter range - bare mountains in BG, trees at base of mountains  | 4 $\frac{1}{2}$ |
| B140 | MS  | Elk herd on winter range - mountains in BG covered with snow   | 5               |
| B141 | CU  | Three elks in FG - herd in extreme BG - snow covers area   | 1 $\frac{1}{2}$ |
| B142 | MS  | Elk herd huddles close together on winter range - snow on ground, dark brown mountains go almost straight up in BG | 8               |
| B143 | CU  | Elk - side rear view - grazing, walks away from camera - backlit, slightly down shot                               | 2 $\frac{1}{2}$ |
| B144 | CU  | Same elk as in B143 continues to walk across range   | 1 $\frac{1}{2}$ |
| B145 | MLS | Elk continues to walk across range - walks out of frame  | 5               |
| B146 | CU  | Elk grazing on range - side view   | 5               |
| B147 | CU  | Elk head shot - grazing  | 4               |
| B148 | MS  | Elk walks to camera  | 2 $\frac{1}{2}$ |
| B149 | MS  | Baby elk on ground - early spring  | 2 $\frac{1}{2}$ |
| B150 | MS  | Baby elk standing in shadow - turns head to camera, then lowers it   | 3               |
| B151 | MS  | Same elk as in B150 - stands and looks around - could cut with B150  | 3               |

CANADA GEESE

|      |     |  |                 |
|------|-----|--|-----------------|
| B152 | MCU | Canada geese in marshy lake (four) - mesh wire in BG against brown grass | 6 $\frac{1}{2}$ |
| B153 | MQU | Same as above  | 6               |
| B154 | CU  | Head of duckling - faces camera  | 3               |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| <u>GROUSE</u>    |     |   |                 |
| B155             | MS  | Ruffed grouse - head protruding from brush  | 4               |
| B156             | MS  | Grouse walks around in opening in brush - tail has feathers missing - same grouse and location as above | 4               |
| B157             | MS  | Two grouse walk around in same location as above  | 5               |
| <u>LYNX</u>      |     |   |                 |
| B158             | MS  | Lynx stretched out on limb of tree - backlit against blue sky   | 4               |
| B159             | MLS | Lynx climbs to top of tree - blue sky   | 10              |
| B160             | MCU | Lynx in Scene B159 - looks down   | 4 $\frac{1}{2}$ |
| B161             | MCU | Same as B160  | 4               |
| B162             | MCU | Same as B160  | 2               |
| B163             | MCU | Same as B160  | 2               |
| B164             | MS  | Lynx (same as above) comes down tree  | 4               |
| B165             | MS  | Same as B164  | 6               |
| B166             | LS  | Same as above - backlit - blue sky  | 4               |
| B167             | LS  | Same as above   | 4               |
| B168             | LS  | Same lynx climbs tree branches, stops and looks around - backlit - blue sky                             | 8               |
| <u>MOOSE</u>     |     |   |                 |
| B169             | LS  | Moose stands in small blue pond - trees and vegetation in BG  | 4               |
| B170             | MS  | Moose runs out of vegetation across frame - stops behind with only head showing - dark BG               | 2 $\frac{1}{2}$ |
| B171             | LS  | Moose standing on slope - blue water in BG  | 3               |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u>                                     |     | <u>Description</u>  | <u>Footage</u> |
|--|-----|---|----------------|
| <u>OTTER</u>   |     |   |                |
| B172   | MCU | Otter swimming around in clear water - limb with leaves in water - down shot  | $2\frac{1}{2}$ |
| B173   | MCU | Three otters swimming in clear water - down shot                              | 3              |
| B174   | MCU | Two otters playing in clear water   | 5              |
| B175   | CU  | Three otters playing - diffused BG of leaves and limbs                        | 5              |
| B176   | MCU | Series of several shots of otters (two or three) playing in water - down shot | 20             |
| <u>OWLS</u> (Mesh wire in BG only partially visible) |     |   |                |
| B177   | CU  | Two owls sitting on limb of tree  | 4              |
| B178   | CU  | Same as above - owls look around  | 5              |
| B179   | CU  | Same as above   | 4              |
| B180   | MS  | Same as above   | 7              |
| B181   | CU  | Same as above   | $2\frac{1}{2}$ |
| <u>PHEASANTS</u>                                     |     |   |                |
| B182   | MCU | Young ringneck pheasant on nest - another nearby walks out of frame           | 4              |
| B183   | CU  | Ringneck pheasant walks across frame slowly - goes left to right              | 4              |
| B184   | CU  | Same as B183 - pheasant walks in the other direction                          | 6              |
| <u>PRAIRIE CHICKENS</u>                              |     |   |                |
| B185   | CU  | Five young prairie chicks in nest - one runs out of picture                   | 4              |
| <u>QUAIL</u>   |     |   |                |
| B186   | MS  | Quail in open field - down shot with back to camera - turns head              | 2              |
| B187   | CU  | Down shot of quail walking in open field - runs out of picture                | 3              |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u>      |     | <u>Description</u>  | <u>Footage</u>  |
|-----------------------|-----|---|-----------------|
| <u>RACCOON</u>        |     |   |                 |
| B188                  | MCU | Raccoon sitting in fork of large tree - blue sky  | 6               |
| B189                  | CU  | Same as B188  | 5 $\frac{1}{2}$ |
| B190                  | LS  | Raccoon stands in tree  | 3               |
| B191                  | LS  | Raccoon sitting in fork of tree   | 6               |
| B192                  | CU  | Raccoon sitting in fork of tree gnawing on wood   | 3               |
| B193                  | CU  | Same as B192  | 4               |
| B194                  | CU  | Same as above - has mouth open but not chewing  | 7               |
| B195                  | MS  | Raccoon - series of several short scenes of coon sitting in tree chewing on wood                                | 14              |
| B196                  | MCU | Raccoon sitting in fork of tree - side view ..  | 4               |
| <u>RATTLESNAKE</u>    |     |   |                 |
| B197                  | CU  | Rattlesnake coiled - marked by rapid pulsation of tongue (diamondback)  | 7               |
| <u>MOUNTAIN SHEEP</u> |     |   |                 |
| B198                  | MCU | Mountain sheep looking at camera, wiggles ears - green BG   | 3 $\frac{1}{2}$ |
| B199                  | MS  | Mother and two lambs walk across frame - pan slightly as they walk - green grass and lower parts of trees in BG | 6               |
| <u>SQUIRREL</u>       |     |   |                 |
| B200                  | ELS | Squirrel sitting in moss-covered oak - blue sky - tree predominates in picture                                  | 5               |
| <u>TURKEY</u>         |     |   |                 |
| B201                  | CU  | Turkey gobbler and hens walk from left to right across field, pan - fall scene                                  | 6               |
| B202                  | MS  | Turkey hen on nest in green grass - raises head   | 8               |

Miscellaneous Scenes - Wildlife

| <u>Scene No.</u> | <u>Description</u> |  | <u>Footage</u> |
|------------------|--------------------|--|----------------|
| B203             | MS                 | Same as B202   | 4              |
| B204             | MS                 | Same as B202   | 3              |
| B205             | MS                 | Turkey partially concealed in summertime<br>foliage                | 2              |
| B206             | MS                 | Same as above  | 3              |
| B207             | MS                 | Flock of wild turkeys walking through<br>fall foliage              | 1½             |
| B208             | CU                 | Same as B207   | 7½             |
| B210             | ECU                | Strutting turkey faces camera, turns<br>head, then again to camera | 3              |
| B211             | ECU                | Same as above  | 4              |

WEASEL

|      |     |  |   |
|------|-----|--|---|
| B212 | MCU | Weasel partially out of burrow, comes<br>all the way out and then out of picture -<br>goes back into burrow and sticks out<br>head | 6 |
|------|-----|--|---|

WOOD DUCK

|      |    |  |    |
|------|----|--|----|
| B213 | MS | Wood duck perched on nesting tree - no<br>movement | 4½ |
| B214 | CU | Same as above                                      | 6  |
| B215 | CU | Same as above                                      | 3  |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u>   |     | <u>Description</u>   | <u>Footage</u> |
|--|-----|--|----------------|
| Scenes B216 through B311 were made at the Plant Industry Station, Beltsville, Md.: |     |  |                |
| B216   | MS  | SIGN - "USDA Plant Industry Station" - pan R to L showing the buildings - holds on center building - man cutting grass with sickle near sign | 14             |
| B217   | MS  | Same as B216   | 12             |
| B218   | MS  | ADMINISTRATION BUILDING of USDA Plant Industry Station - car goes down driveway  | 7              |
| B219   | MS  | Same as B218   | 13             |
| B220   | MLS | GREENHOUSES - Slightly down shot - slow pan R to L showing other greenhouses   | 7              |
| B221   | MLS | GREENHOUSES - High shot down on driveway - pan left along rows of greenhouses  | 21             |
| B222   | MS  | GREENHOUSE, side view - Shrubbery around building - pan R to L showing several greenhouses - road on left                                    | 22             |
| B223   | MS  | SOIL - Down shot on ground over which a drill has passed, leaving a pattern  | 4½             |
| B224   | MS  | SEEDER, tractor-drawn - Comes from R to L across test plot - man walks behind equipment  | 9              |
| B225   | LS  | Same as B224 - Seeder goes L to R and stops in center of plot  | 7              |
| B226   | LS  | Same as B224 - Seeder continues across field L to R  | 7              |
| B227   | CU  | SEEDER - Rear view, as it goes away from camera to LS - man walks behind to adjust equipment - trees in BG                                   | 20             |
| B228   | CU  | DISEASED RED CLOVER in test plot - plants infected with anthracnose wilt - down shot   | 9              |
| B229   | CU  | Same as B228 - Shows crooked stems and lesions - hand enters and cuts some diseased plants   | 10             |
| B230   | CU  | DISEASED RED CLOVER in hand - Pencil points out crooks and lesions   | 10             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B231             | ECU | Same as B230  | 4 $\frac{1}{2}$ |
| B232             | ECU | Same as B230  | 6               |
| B233             | ECU | DISEASED RED CLOVER STEM - Pencil points out lesions  | 6               |
| B234             | ECU | Same as B233  | 6               |
| B235             | LS  | RED CLOVER TEST PLOT - Down shot - pan right to older plots which are thinner - four men walk into plot   | 16              |
| B236             | LS  | Same as B235  | 18              |
| B237             | MS  | RED CLOVER TEST PLOTS - Down shot - shows variation of growth - four men walk into scene  | 14              |
| B238             | MS  | Same as B237  | 15              |
| B239             | CU  | RED CLOVER TEST PLOTS showing stakes - down shot  | 7               |
| B240             | CU  | Same as B239 - stakes in FG - also shows great variation in growth  | 9               |
| B241             | MS  | RED CLOVER TEST PLOT - Three men standing in field - one with spade digs a plant  | 7 $\frac{1}{2}$ |
| B242             | CU  | RED CLOVER PLANT held in hand - knife enters and splits root showing root rot - other hand picks up normal root for comparison  | 9               |
| B243             | CU  | Similar to B242 - slightly different position   | 8               |
| B244             | CU  | Same as B243 - Two roots held for comparison  | 6               |
| B245             | CU  | RESEARCH TEST PLOT - Man opens back of truck - pan as he removes tools and walks to plot of ladino clover where Dr. Kermit W. Kreitlow, Research Pathologist of the Agricultural Research Service, is staking plants - man digs and pots two ladino clover plants | 34              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B246             | CU  | LADINO CLOVER PLOT - Over shoulder shot of Dr. Kreitlow and helper placing clover plants in pots - they walk out of scene   | 7              |
| B247             | CU  | LADINO CLOVER PLANTS (4) are placed on empty flat and lifted out of scene   | 9              |
| B248             | MLS | LADINO CLOVER PLOT - Dr. Kreitlow and helper walk into scene - helper picks up flat of potted plants and walks to rear of truck, places plants in truck and shuts door - truck has USDA license | 9              |
| B249             | CU  | TRUCK in Scene B248 goes out of scene   | 20             |
| B250             | MS  | TRUCK shot from inside - Helper opens door, picks up flat, places it on cart and enters greenhouse  | 16             |
| B251             | MS  | GREENHOUSE as helper goes away from camera into LS down hallway   | 16             |
| B252             | MLS | GREENHOUSE as man pushes cart of ladino clover down hallway   | 14             |
| B253             | CU  | LADINO CLOVER LEAVES being crushed in mortar with pestle  | 14             |
| B254             | ECU | MORTAR - Hand enters scene and places several drops of water in mortar - leaves are crushed   | 10             |
| B255             | MCU | GREENHOUSE BENCH with potted ladino clover, bean plants, mortar, pestle and other tools - hands enter scene and place several drops of water in mortar and crush leaves                         | 6              |
| B256             | CU  | LADINO CLOVER PLANTS (2 pots) with plastic collars - hand enters and removes one collar   | 5              |
| B257             | CU  | LADINO CLOVER CUTTINGS being made and potted - pan as the pot is placed on flat   | 14             |
| B258             | CU  | LADINO CLOVER CUTTINGS in flat - Hand places eleventh and twelfth pots in flat  | 8              |
| B259             | ECU | Same as B258  | 10             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B260             | CU  | GREENHOUSE BENCH almost filled with potted ladino clover plants - pan left and tilt up past more potted plants as man waters same with sprinkling can                       | 11             |
| B261             | CU  | GREENHOUSE BENCH half filled with potted ladino clover plants - hand places another pot on gravel-filled bench  | 3              |
| B262             | MCU | GREENHOUSE BENCH filled with potted ladino clover and grass - hand watering plants  | 6              |
| B263             | MS  | INTERIOR COLD ROOM filled with haze - Man, carrying flat of ladino clover plants, and Dr. Kreitlow walk to camera - door is closed  | 3              |
| B264             | MS  | DR. KREITLOW AND HELPER come up stairs to camera and out of scene   | 8              |
| B265             | CU  | DIAL on temperature humidity control device   | 8              |
| B266             | CU  | DIAL - Timing device - cover is closed and then opened  | 8              |
| B267             | MLS | GREENHOUSE BENCH with several potted Birdsfoot Trefoil plants - Mr. Paul R. Henson, Research Agronomist of the Agricultural Research Service, enters and picks up one plant | 13             |
| B268             | MS  | BIRDSFOOT TREFOIL PLANT - Mr. Henson picks up potted plant from bench, then puts on magnifying spectacles   | 19             |
| B269             | MS  | BIRDSFOOT TREFOIL PLANT - Mr. Henson picks up one potted plant and examines blossom   | 3              |
| B270             | MCU | BIRDSFOOT TREFOIL BLOSSOM in hand - petals are removed - record book and tags in BG   | 5              |
| B271             | MCU | BIRDSFOOT TREFOIL BLOSSOM - petals are removed with tweezers - continuation of Scene B270   | 12             |
| B272             | ECU | BIRDSFOOT TREFOIL BLOSSOM - pollen is removed with strip of emery paper for cross pollination   | 7              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B273             | ECU | Same as B272  | 3              |
| B274             | ECU | Same as B272  | 8              |
| B275             | ECU | Same as B272  | 6              |
| B276             | MCU | POLLEN being put on emasculated blossom from emery board  | 7              |
| B277             | CU  | MR. HENSON, wearing magnifying spectacles, records data in notebook - places book in pocket   | 3              |
| B278             | MLS | BIRDSFOOT TREFOIL PLANTS potted and staked on greenhouse bench - Mr. Henson enters, examines plants and clips seed pods                                     | 24             |
| B279             | MCU | MR. HENSON labeling envelope of seed - same location as B278  | 3              |
| B280             | CU  | BIRDSFOOT TREFOIL PLANT showing cluster of three seed pods and red tag - hand enters and places seed pods and tag in envelope                               | 9              |
| B281             | ECU | BIRDSFOOT TREFOIL SEED PODS   | 5              |
| B282             | MLS | GREENHOUSE BENCH showing rows of seedling plants in nutrient culture bench - seedling vigor test - tilt up to show fluorescent lights over bench            | 9              |
| B283             | MS  | BIRDSFOOT TREFOIL AND ALSIKE CLOVER TEST PLOTS - Two men are examining plants in BG   | 4              |
| B284             | CU  | YELLOW BIRDSFOOT TREFOIL BLOSSOM fills frame  | 7              |
| B285             | MS  | ALFALFA PLANTS - Dr. Hugo O. Graumann, Research Agronomist of the Agricultural Research Service, ties potted alfalfa plants to stakes and examines blossoms | 14             |
| B286             | CU  | ALFALFA - Dr. Graumann places magnifying spectacles over eyes - he emasculates a purple alfalfa blossom and tags same                                       | 32             |
| B287             | CU  | ALFALFA - Hands continue action in B286 - pluck yellow blossom from another plant with tweezers and remove petals   | 13             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B288             | ECU | YELLOW ALFALFA BLOSSOM between fingers - tweezers enter and remove petals  | 5              |
| B289             | ECU | Same as B288   | 5              |
| B290             | ECU | Same as B288   | 5              |
| B291             | ECU | EMASCULATED PURPLE ALFALFA BLOSSOM as yellow alfalfa blossom is brought into frame and pollen transferred  | 6              |
| B292             | ECU | Same as B291 except tripping of blossom is very evident  | 7              |
| B293             | MCU | GREENHOUSE INTERIOR - Yellow blossoms of alfalfa plants in middle and left FG - Dr. Graumann walks into CU, removes seed pods and walks out of frame to right  | 10             |
| B294             | ECU | ALFALFA SEED PODS - cluster - scissors enters frame and clips pods   | 3½             |
| B295             | CU  | ALFALFA SEEDLINGS in flat - hands enter, examine seedlings, open notebook and record data  | 9              |
| B296             | CU  | Same as B295   | 11             |
| B297             | CU  | ALFALFA BLOSSOMS - Yellow, purple, and a third which is the result of a cross between the yellow and purple  | 6              |
| B298             | CU  | Same as B297   | 6              |
| B299             | CU  | PURPLE ALFALFA BLOSSOM   | 6              |
| B300             | MS  | THERMOMETER being hung in greenhouse by man  | 7              |
| B301             | CU  | Same as B300   | 6              |
| B302             | MS  | TALL FESCUE - Dr. Angus A. Hanson, Research Agronomist of the Agricultural Research Service, prepares tall fescue for mutual pollination - sacks are placed over heads of two plants (potted) - potted grass in BG | 10             |
| B303             | CU  | Dr. Hanson's face, up shot - Same action as B302   | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B304             | MS  | TALL FESCUE - Bagged heads  | 3              |
| B305             | MS  | Same as B304  | 2              |
| B306             | CU  | TALL FESCUE with sacks over heads - Hand enters and taps one sack   | 4              |
| B307             | CU  | Same as B306 except no action   | 3              |
| B308             | MS  | Dr. Hanson sitting at table in greenhouse - plants seed in petri dish and makes notes                                     | 8              |
| B309             | ECU | PETRI DISH filled with moist soil - portion of envelope appears and grass seeds are dropped on soil                       | 5              |
| B310             | ECU | PETRI DISH with grass seedlings   | 4              |
| B311             | CU  | FLAT OF GRASS SEEDLINGS - Tilt up along bench where more flats can be seen - man watering with hose - rows are all staked | 12             |

End of scenes taken at the Plant Industry Station

|      |    |  |    |
|------|----|--|----|
| B312 | MS | UNIVERSITY OF KENTUCKY at Lexington - Administration Building - "Agricultural Experiment Station" can be seen on front of building - people walk in and out of building - overcast sky | 29 |
| B313 | MS | Same as B312 - Shot with sunshine  | 21 |
| B314 | MS | Same as B312 - Shot with sunshine  | 21 |
| B315 | CU | FAÇADE OF BUILDING showing name "Agricultural Experiment Station" - lighting same as B312  | 5  |
| B316 | CU | Same as B315 - Lighting matches B313 and B314  | 11 |
| B317 | CU | SIGN "Plant Breeding Unit" - Shot against light cloudy sky   | 4  |
| B318 | CU | SIGN "2 Miles Plant Breeding Unit, Department of Agriculture and Soils, Agricultural Experiment Station, Alabama Polytechnic Institute" - sign fills frame                             | 6  |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u>   | <u>Description</u>  | <u>Footage</u> |
|--|---|----------------|
| Scenes B319 through B344 were made at the Agricultural Experiment Station, University of Wisconsin, Madison, Wis.: |   |                |
| B319   | LS TEST PLOTS showing a variety of crops at the University of Wisconsin Experiment Station - trees in extreme BG          | 11             |
| B320   | MS TEST PLOT OF ALFALFA - Man applying hormone spray from tank on a two-wheel push cart - two men in BG walk across frame | 12             |
| B321   | MS Similar to B320 - without men in BG  | 7              |
| B322   | MLS TEST PLOT - Three men picking red clover blossoms in net-covered field. This is done to insure self-pollination       | 8              |
| B323   | MS Similar to B322  | 7              |
| B324   | MS RED CLOVER FIELD - Two men examining plants  | 4              |
| B325   | CU DISEASED RED CLOVER - Stem is split to show effect of root rot   | 3              |
| B326   | ECU DISEASED RED CLOVER - Same as B325 - root separated to show root rot - normal root held beside it for comparison      | 7              |
| B327   | CU RED CLOVER PLANTS held in hand - right, European - left, American, which is the hairy variety                          | 5              |
| B328   | CU EUROPEAN RED CLOVER leaves damaged by leafhopper   | 5½             |
| B329   | CU AMERICAN RED CLOVER showing hairs which protect stems from leafhoppers   | 7              |
| B330   | CU AMERICAN RED CLOVER - Similar to B329  | 7              |
| B331   | CU DISEASED BROME GRASS (Helminthosporium)  | 6              |
| B332   | CU Same as B331 except disease more severe  | 5              |
| B333   | CU DISEASED ALFALFA LEAVES showing leaf spot  | 8              |
| B334   | CU Similar to B333  | 6              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B335             | CU  | ALFALFA TEST PLOT - Plants suffering from bacterial wilt - hands hold back healthy plants to reveal ones affected with wilt                       | 2 $\frac{1}{2}$ |
| B336             | ECU | ALFALFA PLANT damaged by wilt   | 6               |
| B337             | ECU | Same as B336 - Wilt damage more severe  | 6               |
| B338             | CU  | ALFALFA CLONAL NURSERY - Feet enter scene, hands check labels on plants   | 11              |
| B339             | MCU | ALFALFA TEST PLOT - Man checking medium size plants   | 2               |
| B340             | MS  | SWEET CLOVER NURSERY - Stakes in FG - man with notebook checks plants and walks through plot  | 11              |
| B341             | MCU | Similar to B340 - Low angle shot  | 10              |
| B342             | MS  | ALFALFA TEST PLOT - Shows extreme contrast in growth of plants - man wearing sun helmet and carrying clipboard walks across frame checking plants | 8 $\frac{1}{2}$ |
| B343             | MLS | BROME GRASS NURSERY - Mature plants, several seed heads are sacked - man walks among and examines plants - buildings in BG                        | 7               |
| B344             | MLS | Similar to B343 - Man walks into FG   | 6               |

End of scenes taken at the University of Wisconsin

Scenes B345 through B358 were made at the Northern Great Plains Experimental Station, Mandan, North Dakota:

|      |     |   |   |
|------|-----|---|---|
| B345 | MCU | CRESTED WHEAT GRASS in test plot - Man kneeling beside stake at end of row in FG, examines plants and makes notes in record book      | 7 |
| B346 | CU  | CRESTED WHEAT GRASS HEADS against blue card BG - Shows contrast between commercial on left and Mandan, the improved variety, on right | 9 |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u>                           |     | <u>Description</u>  | <u>Footage</u> |
|--|-----|---|----------------|
| B347                                       | CU  | CRESTED WHEAT GRASS SPIKELETS on dark BG - Commercial on left; Mandan, the improved variety with shorter awns, on right   | 8              |
| B348                                       | CU  | CRESTED WHEAT GRASS SEED - Commercial on right; Mandan on left shows larger seeds which contribute to seedling vigor      | 9              |
| B349                                       | ECU | MANDAN CRESTED WHEAT GRASS SEED   | 6              |
| B350                                       | MCU | HEADS OF COMMERCIAL CRESTED WHEAT GRASS waving in breeze - Down shot  | 9              |
| B351                                       | CU  | Same as B350  | 9              |
| B352                                       | MS  | RUSSIAN WILD RYE GRASS - Stake and label in FG - wind blowing grass - down shot   | 10             |
| B353                                       | MS  | RUSSIAN WILD RYE GRASS - Strain Mandan 2355 - wind blowing grass - stake and label in FG                                  | 8              |
| B354                                       | MS  | RUSSIAN WILD RYE GRASS - Stake and label in FG - wind blowing grass   | 6              |
| B355                                       | MS  | CRESTED WHEAT GRASS planted in rows go away from camera - down shot - Mandan 571  | 6              |
| B356                                       | CU  | CRESTED WHEAT GRASS SEEDLINGS - Mandan 571, three months' growth - shows seedling vigor - slight wind movement - blue sky | 7              |
| B357                                       | MS  | CRESTED WHEAT GRASS in plot - Shot down rows  | 4              |
| B358                                       | CU  | RUSSIAN WILD RYE SEED HEADS held against palm of hand   | 5½             |
| End of scenes made at Mandan, North Dakota |     |   |                |
| B359                                       | LS  | RANIER FESCUE VARIETY NURSERY - Two men in plot - one stoops to check plants, other makes notes                           | 4              |
| B360                                       | CU  | Same as B359  | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B361             | LS  | RANIER FESCUE - Large field - one man with board on tripod makes notes - another walks along rows evaluating plants - large row markers in BG                 | 14             |
| B362             | MCU | Same as B361  | 14             |
| B363             | MS  | ALFALFA TEST PLOT showing stakes and labels - Two men walk through plot - white barn in BG  | 16             |
| B364             | MS  | ALFALFA TEST PLOTS - Two men inspecting plants  | 16             |
| B365             | MCU | ALFALFA TEST PLOT showing stake and label "Vernal" - Man walks into frame, stoops and examines plant, then walks through scene                                | 11             |
| B366             | MCU | Similar to B365 - Sign reads "Grimms"   | 15             |
| B367             | CU  | Similar to B365 - Sign reads "Ranger"   | 5              |
| B368             | MS  | SIGNS - "Ranger," "Grimms," and "Vernal"  | 9              |
| B369             | MLS | ALFALFA TEST PLOT - Shot across field to show sign "Rhizoma" - pan right past other labeled stakes, "Ranger," "Rhizoma," "Narragansett," "Vernal"             | 16             |
| B370             | MS  | ALFALFA TEST PLOT showing same stakes as in B369  | 10             |
| B371             | CU  | ALFALFA TEST PLOT - Labeled stake in FG "Ranger"  | 4              |
| B372             | CU  | Same as B371 - Label reads "Narragansett"   | 3              |
| B373             | CU  | Same as B371 - Label reads "Vernal"   | 11             |
| B374             | MLS | ALFALFA TEST PLOT - Tractor-drawn forage chopper passing along road in BG - stake labeled "Rhizoma" in FG, pan past other stakes - hold on truck as it passes | 9              |
| B375             | MS  | ALFALFA PLOT showing labeled stakes - Pan right past other stakes labeled "Ranger," "Narragansett," and "Vernal"  | 16             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u>                              |     | <u>Description</u>  | <u>Footage</u> |
|---|-----|---|----------------|
| B376  | MS  | WHITE CLOVER TEST PLOT in blossom -<br>Electric lights on low posts throughout<br>field to supplement daylight - pan<br>across plot             | 13             |
| B377  | MCU | WHITE CLOVER TEST PLOT showing marked<br>difference in number of blossoms on<br>plants - Two men walk into scene and<br>stoop to observe plants | 16             |
| B378  | CU  | WHITE CLOVER TEST PLOT showing marked<br>difference in number of blossoms on<br>plants  | 8              |
| Scenes B379 through B389 - Field Inspections: |     |   |                |
| B379  | LS  | PLOWED FIELD - Farmer and inspector enter<br>from right and stop in center of field -<br>inspector makes notes on clipboard                     | 9              |
| B380  | LS  | PLOWED FIELD - Continuation of B379 -<br>trees and buildings in BG  | 23             |
| B381  | CU  | Continuation of Scene B379 - Head and<br>shoulder shot of farmer and inspector<br>as latter makes notes   | 10             |
| B382  | CU  | Same as B381  | 4              |
| B383  | MLS | GRAIN STUBBLE - Pan right across stubble<br>field and plowed soil to show area around<br>field to be certified - small trees in BG              | 18             |
| B384  | MLS | PASTURE - Farmer and inspector, pushing<br>measuring wheel, approach and pass camera  | 16             |
| B385  | LS  | CRIMSON CLOVER in bloom - Farmer and<br>inspector walk into field from right  | 13             |
| B386  | LS  | CRIMSON CLOVER in blossom - Continuation<br>of Scene B385 - farmer and inspector<br>walk toward camera  | 8              |
| B387  | MS  | Continuation of B385 - Farmer and<br>inspector approach camera  | 7              |
| B388  | CU  | Continuation of B385 - Waist up shot of<br>farmer and inspector as latter makes notes   | 4              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u>  |     | <u>Description</u>  | <u>Footage</u> |
|---|-----|---|----------------|
| B389  | CU  | FORM - "Report of Field Inspection" on clipboard being filled out   | 4              |
| Scenes B390 through B413 were made at the Seed Testing Laboratory, University of Oregon, Corvallis, Ore.: |     |   |                |
| B390  | MCU | PACKETS OF SEED being marked by woman, then laid out on a table - side view   | 6              |
| B391  | CU  | Continuation of Scene B390 - Woman types instructions on card from seed packet - over shoulder shot                   | 7              |
| B392  | MCU | WOMAN OPERATING SEED DIVIDER  | 4              |
| B393  | CU  | SCALES - Hand empties cup of seed in scoop of scales, weighs and pours into manila envelope                           | 5              |
| B394  | CU  | WOMAN CHECKING PURITY OF GRASS SEED with magnifying glass - side view   | 7              |
| B395  | ECU | Same as B394 - Over shoulder shot   | 5              |
| B396  | MCU | WOMAN WEIGHS SMALL PORTION OF SEED in inclosed balance - Pours seed from balance pan into glass vial                  | 24             |
| B397  | ECU | BALANCE PAN - Hand pours seed into pan - can cut with B396  | 3              |
| B398  | ECU | Same as B397  | 3              |
| B400  | MCU | WOMAN AT WORK TABLE places suction counter with seeds under magnifying glass - over shoulder shot                     | 5              |
| B401  | CU  | Continuation of Scene B400 - Hand with tweezers rearranges seed   | 7              |
| B402  | CU  | GERMINATION CABINET - Woman enters from left and removes seeds - she is out of frame at 6 ft. - hold on cabinet 3 ft. | 9              |
| B403  | CU  | PETRI DISHES on tray being removed from cabinet - Can cut with B402   | 3              |
| B404  | CU  | GERMINATED SEED in petri dishes on tray - no action   | 4              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B405             | CU  | PETRI DISH with germinated seed is placed on table - Hands remove cover, pick up tweezers and count seedlings                     | 6              |
| B406             | CU  | Continuation of B405 - Tweezers pick up several germinated seed   | 3              |
| B407             | MS  | BLOTTER TEST - Woman lays out and marks blotter - pours alfalfa seed onto square suction counter, then onto the blotter and folds | 30             |
| B408             | CU  | ALFALFA SEED poured onto square suction seed counter  | 4              |
| B409             | CU  | GERMINATION CABINET - Hand opens door, pulls out tray of blotter germination tests  | 7              |
| B410             | MCU | BLOTTER GERMINATION TESTS on table in FG - Woman picks up and unfolds blotter and counts germinated seed                          | 8              |
| B411             | CU  | GERMINATED SEED on blotter - Hand with tweezers counts seed   | 13             |
| B412             | CU  | FORM - "Report of Purity Test of Seed" being filled out in typewriter   | 10             |
| B413             | CU  | Same as B412  | 9              |

End of Seed Testing Laboratory shots, Corvallis, Ore.

|      |     |  |    |
|------|-----|--|----|
| B414 | MS  | SEED PLANTER - Man cleaning dismantled seed hopper with compressed air, then reassembles - small tank of compressed air in left FG | 24 |
| B415 | CU  | SEED HOPPER - Same as in B414, being cleaned with compressed air - hand action   | 6  |
| B416 | ECU | SEED HOPPER being reassembled - Hand action  | 10 |
| B417 | MCU | SEED PLANTER - End view - hands enter and attach hopper to planter (Scenes B414, B415, B416 and B417 can be cut together)          | 10 |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |    | <u>Description</u>  | <u>Footage</u>  |
|------------------|----|---|-----------------|
| B418             | MS | PREPARING SEED FOR PLANTING - Scales, tub and sack of seed on concrete slab - man enters, picks up seed and pours into tub                | 7               |
| B419             | CU | PREPARING SEED FOR PLANTING - Scales and can of fungicide - hand enters and places portion of fungicide onto scale                        | 10              |
| B420             | CU | PREPARING SEED FOR PLANTING - Alfalfa seed being poured into tub - hand puts fungicide into seed and it is mixed with a short-handled hoe | 12              |
| B421             | CU | PREPARING SEED FOR PLANTING - Inoculant is poured on seed and mixed with short-handled hoe  | 14              |
| B422             | CU | SEED being poured into hoppers on seeder  | 15              |
| B423             | MS | SEED being poured from sack into seed hopper - Planter attached to tractor  | 3               |
| B424             | CU | SEED pouring from sack into hopper  | 2 $\frac{1}{2}$ |
| B425             | CU | CALIBRATING SEED PLANTER - Metal container under planter - cloth tied on rim of wheel to check rate of seed dropped as it rotates         | 11              |
| B426             | CU | CALIBRATING SEED PLANTER - Inside metal container showing seed dropping   | 7               |
| B427             | MS | SEED being poured into hoppers - Seed planter attached to tractor   | 14              |
| B428             | MS | SEED PLANTING - Planter pulled by Farmall tractor - pan right with tractor as it goes away from camera - low angle shot                   | 8               |
| B429             | CU | SEED PLANTING - Wheel fills frame as tractor and planter go away from camera into MS  | 13              |
| B430             | LS | SEED PLANTING - Planter pulled by Farmall tractor comes to camera diagonally across frame - large clods of soil in FG                     | 9               |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B431             | LS  | ALFALFA about one foot high in rows -<br>Very large field   | 9               |
| B432             | CU  | ALFALFA - Grimms - yellowed by leafhopper   | 8               |
| B433             | CU  | ALFALFA, WILD ( <i>Medicago falcata</i> ) in<br>yellow blossom - Used extensively in<br>breeding new varieties        | 8               |
| B434             | CU  | Same as B433  | 8               |
| B435             | MCU | NARRAGANSETT ALFALFA in bloom - fills<br>frame  | 10              |
| B436             | MS  | Same as B435  | 10              |
| B437             | LS  | NARRAGANSETT ALFALFA field in blossom -<br>Two men walking to camera examine<br>plants - mountains in BG              | 12              |
| B438             | LS  | Same as B437 without men  | 10              |
| B439             | LS  | ATLANTIC ALFALFA - Large field - plants<br>about 22 inches high in rows - two men<br>examine plants in BG             | 12              |
| B440             | MS  | ATLANTIC ALFALFA in bloom - down shot   | 9               |
| B441             | CU  | ALFALFA SEED PODS in hand   | 7               |
| B442             | ECU | ALFALFA SEED PODS showing heavy yield -<br>hand as BG   | 2 $\frac{1}{2}$ |
| B443             | ECU | Same as B442  | 5               |
| B444             | ECU | Same as B442 - Seed pods are turned in<br>hand  | 10              |
| B445             | MCU | ALFALFA FIELD - County agent and farmer<br>examine alfalfa at edge of cut swath -<br>cut for forage                   | 11              |
| B446             | MCU | Same as B445  | 9               |
| B447             | MCU | ALFALFA in rows for seed - Tractor-drawn<br>root-cutting device comes by - man walks<br>into frame and examines roots | 22              |
| B448             | CU  | ALFALFA PLANT showing cut root as it is<br>turned in hand   | 6               |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B449             | MS  | ALFALFA in rows for seed - Tractor-drawn root-cutting device passes diagonally across frame cutting roots of alfalfa   | 14             |
| B450             | MS  | HARVESTING ALFALFA for hay - Tractor-drawn forage harvester approaches camera  | 8              |
| B451             | MS  | Similar to B450 - Pan with harvester as it approaches camera - tilt up to delivery spout   | 22             |
| B452             | ECU | HARVESTING ALFALFA for hay - Alfalfa falls in front of camera as it is cut - mower goes into LS  | 9              |
| B453             | MS  | HARVESTING ALFALFA for hay - Tractor-drawn mower comes to and past camera - Holstein cows in extreme BG  | 9              |
| B454             | CU  | ALFALFA in blossom - Fills frame   | 9              |
| B455             | MLS | BALING ALFALFA - Hay baler approaches camera picking up dry alfalfa from windrows - machine enters scene in lower left corner and goes away dropping baled hay - pan left with baler as it comes into CU | 28             |
| B456             | MS  | ALFALFA, dry, in windrows - Tractor-drawn "hayhog" crosses FG - tilt up to blower as it passes - blue sky  | 10             |
| B457             | LS  | CRIMSON CLOVER in bloom - Travel shot starting with trees in FG, moves across clover and ends on one tree - some trees and farm buildings in extreme BG  | 26             |
| B458             | LS  | CRIMSON CLOVER in bloom - Travel shot across very large field - some trees in BG   | 33             |
| B459             | LS  | CRIMSON CLOVER field in bloom - Cows in pasture, farm buildings in BG, high hills in extreme BG  | 6              |
| B460             | MS  | LADINO CLOVER in bloom - Down shot fills frame   | 7              |
| B461             | CU  | Same as B460   | 9              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B462             | MCU | KENLIN RED CLOVER waving in breeze -<br>Down shot, fills frame                                 | 8              |
| B463             | CU  | Same as B462   | 6              |
| B464             | MS  | KENLIN RED CLOVER in FG and extends into<br>middle of frame - beehives in BG - wind<br>blowing | 6              |
| B465             | ECU | KENLIN RED CLOVER blossoms - Fills frame   | 10             |
| B466             | ECU | ALSIKE CLOVER blossoms - Fills frame   | 6              |
| B467             | CU  | Same as B466   | 4              |
| B468             | MCU | BROME GRASS - Heads waving in breeze -<br>fills frame - down shot                              | 11             |
| B469             | MCU | Same as B468   | 12             |
| B470             | MS  | Same as B468   | 7              |
| B471             | CU  | BROME GRASS SEED HEADS against blue sky -<br>Slight movement in breeze                         | 9              |
| B472             | CU  | Same as B471   | 9              |
| B473             | CU  | BROME GRASS in plot - Shot from end of<br>rows showing plants in seed - slight<br>breeze       | 8              |
| B474             | MS  | INTERMEDIATE WHEAT GRASS waving<br>vigorously - down shot - fills frame                        | 9              |
| B475             | MS  | Same as B474   | 4              |
| B476             | CU  | RUSSIAN WILD RYE seed heads against sky  | 7              |
| B477             | MS  | PIPER SUDAN GRASS - Green - fills frame -<br>down shot   | 4              |
| B478             | MS  | PIPER SUDAN GRASS - Ripe - edge of cut<br>swath showing full height of plants                  | 5              |
| B479             | CU  | PIPER SUDAN GRASS - Ripe - seed heads<br>against blue sky                                      | 5              |
| B480             | MS  | ROGUING - Three men and boy pulling rogues<br>from large field of nearly ripe brome<br>grass   | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u>   |
|------------------|-----|--|------------------|
| B481             | MCU | ROGUING - Down shot on one man and boy in B480   | 6                |
| B482             | MCU | ROGUING - Two men pulling rogues from field of brome grass   | 6                |
| B483             | MLS | ROGUING - Six men with hoes roguing large field of creeping red fescue   | 8                |
| B484             | CU  | Same as B483 - Down shot   | 6                |
| B485             | MLS | ROGUING - Same as B483   | 6                |
| B486             | LS  | ROGUING - Two men enter large field of Kenlin red clover with shovels and remove rogues - snow-capped mountains in BG                            | 13               |
| B487             | MLS | Down shot on B486  | 13               |
| B488             | MS  | ROGUING - Two men using shovels to remove rogues from field - blossoms in FG - mountains in BG   | 7                |
| B489             | LS  | ROGUING - Three men and boy pulling weeds from nearly ripe brome grass   | 7                |
| B490             | MS  | ROGUING - Down shot on four women removing rogues with hoes from large field of alfalfa - women wearing bonnets, light shirts and blue dungarees | 11               |
| B491             | MS  | Same as B490 - a little closer   | 5                |
| B492             | MS  | ROGUING - Same four women as in B490 - shot against sky  | 13               |
| B493             | LS  | SPRAYING - Tractor-drawn boom spray moves diagonally across ladino clover field, L to R - trees and farm buildings in extreme BG                 | 7                |
| B494             | LS  | SPRAYING large field of alfalfa - tractor-drawn boom-type spray rig moves diagonally across camera - farm buildings and some trees in extreme BG | 12               |
| B495             | LS  | SPRAYING large field of alfalfa - tractor-drawn boom-type spray rig moving away from camera  | 10 $\frac{1}{2}$ |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B496             | MS  | SPRAYING - Nurse truck in right FG at edge of alfalfa field - tractor-drawn spray rig approaches - pan with rig as it pulls along side of nurse truck        | 13             |
| B497             | CU  | SPRAYING - Continuation of B496 - shot between spray rig and nurse truck. Man prepares to refill tank  | 8              |
| B498             | LS  | AERIAL DUSTING large alfalfa field - Plane drops down at far edge of field - pan with plane as it moves diagonally across field toward camera spreading dust | 12             |
| B499             | LS  | AERIAL DUSTING large alfalfa field - Plane enters CU left side of frame - goes away from camera  | 9              |
| B500             | LS  | AERIAL DUSTING - Same field as B498 - plane moving right angles to camera - pan to end of field and tilt up as plane rises to make turn                      | 5              |
| B501             | LS  | AERIAL DUSTING - Pan with plane as it swoops down and moves across field of alfalfa  | 5              |
| B502             | MLS | AERIAL DUSTING - Plane enters from left - pan right as it completes pass across field  | 5              |
| B503             | LS  | AERIAL DUSTING - Plane comes diagonally across field to CU and goes out of frame   | 9              |
| B504             | LS  | AERIAL DUSTING - Plane comes across field almost into camera - dust obliterates view   | 8              |
| B505             | LS  | AERIAL DUSTING - Pan with plane as it dusts end of field, rises and turns away from camera   | 8              |
| B506             | LS  | AERIAL DEFOLIATION SPRAYING of alfalfa - Plane comes from behind camera at left and moves into LS - building with red roof in BG                             | 5              |
| B507             | LS  | AERIAL DEFOLIATION SPRAYING - Plane comes ECU camera - same field as B506  | 3              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B508             | LS  | AERIAL DEFOLIATION SPRAYING - Plane moves diagonally from R to L across field from LS to CU - same field as B506 | 3              |
| B510             | LS  | AERIAL DEFOLIATION SPRAYING - Plane goes away from camera - same field as B506                                   | 7              |
| B511             | LS  | AERIAL DEFOLIATION SPRAYING - Plane comes to and past camera - same field as B506                                | 6              |
| B512             | LS  | AERIAL DEFOLIATION SPRAYING - Plane goes from CU diagonally across frame from camera to LS - same field as B506  | 5              |
| B513             | LS  | AERIAL DEFOLIATION SPRAYING - Plane comes diagonally to camera - same field as B506                              | 6              |
| B514             | LS  | AERIAL DEFOLIATION SPRAYING - Plane comes into frame on left side and goes away from camera - same field as B506 | 6              |
| B515             | LS  | AERIAL DEFOLIATION SPRAYING - Plane comes to camera, turns left out of frame - same field as B506                | 5              |
| B516             | LS  | AERIAL DEFOLIATION SPRAYING - Plane comes across frame R to L - mountains in BG - same field as B506             | 9              |
| B517             | MLS | AERIAL DEFOLIATION SPRAYING - Plane comes across frame R to L - same field as B506                               | 4              |
| B518             | MLS | AERIAL DEFOLIATION SPRAYING - Plane comes diagonally across frame R to L   | 4              |
| B519             | MS  | DUSTING - Helicopter comes from over shoulder, goes into LS - fills frame with dust                              | 5              |
| B520             | MS  | DUSTING - Helicopter comes to camera   | 3              |
| B522             | MLS | DUSTING - Helicopter comes to and past camera  | 5              |
| B523             | LS  | DUSTING - Helicopter comes CU to camera and passes overhead  | 4              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B524             | MS  | CLEANING COMBINE - Combine being backed out of shed - driver gets out and picks up bag of tools  | 20             |
| B525             | MS  | CLEANING COMBINE - Same as B524, side view - one man working at lower end of elevator, another cleaning apron with broom                                 | 9              |
| B526             | MS  | CLEANING COMBINE - Man sweeps apron with broom - picks up air hose and blows accumulated debris from apron   | 16             |
| B527             | CU  | CLEANING COMBINE - Man enters with air hose and blows debris from bottom of elevator   | 10             |
| B528             | LS  | GRASS IN SHOCKS for seed harvest - Shot across large field - mountains in BG   | 9              |
| B529             | MS  | THRESHING GRASS SEED - Two men feeding thresher - large pile of straw and sacks of grass seed in BG - buckrake on auto chassis goes out of scene at left | 7              |
| B530             | MS  | THRESHING GRASS SEED - Two men feeding thresher - another sacking seed - pile of straw and sacks in BG - same thresher and location as in B529           | 7              |
| B531             | MS  | THRESHING GRASS SEED - Two men feeding thresher - one man without shirt - same thresher and location as B530   | 4              |
| B532             | CU  | THRESHING GRASS SEED - Grass feeding into thresher - same thresher and location as B529  | 4              |
| B533             | MS  | COMBINING RYE GRASS from windrows - Red Massey Harris combine comes to camera - hills in BG  | 8              |
| B534             | MS  | COMBINING RYE GRASS - Same as B533 - self-propelled Massey Harris combine - pan as it comes into CU to camera  | 10             |
| B535             | MCU | COMBINING RYE GRASS - Two tractor-drawn combines picking up rye grass from windrows approach camera - nearer one comes into ECU                          | 13             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B536             | CU  | COMBINING RYE GRASS - Seed coming from delivery spout of combine - grain pouring toward camera  | 5               |
| B537             | MCU | Similar to B536, side view - Shot against blue sky  | 9               |
| B538             | MS  | WILD RYE bundles being shocked by two men - Standing rye in FG waving in breeze   | 11              |
| B539             | MCU | WILD RYE - Russian wild rye heads waving in breeze - two binders approach camera diagonally across frame  | 15              |
| B540             | MS  | COMBINING ORCHARD GRASS - Combine approaches camera picking up bundles of orchard grass - two men riding on front forking bundles onto pick-up attachment of combine as it comes diagonally to camera | 17              |
| B541             | MS  | Same as B540 - Combine approaches camera head on  | 11              |
| B542             | MS  | COMBINING ORCHARD GRASS - Down shot on bundle of grass as it is being forked onto pick-up attachment of combine - shot from moving combine  | 7               |
| B543             | MS  | COMBINING ORCHARD GRASS - Two men forking bundles of orchard grass onto pick-up attachment of combine as it comes diagonally to ECU camera  | 6               |
| B544             | CU  | COMBINING ORCHARD GRASS - Two men forking bundles onto pick-up attachment of combine as it comes to camera - action stops at 8 feet, hold on ECU bundles 2 feet                                       | 8               |
| B545             | CU  | COMBINING ORCHARD GRASS - Combine comes into frame from left - bundles of grass are forked onto pick-up attachment of combine   | 4 $\frac{1}{2}$ |
| B546             | CU  | COMBINING ORCHARD GRASS - Bagged grass seed drops from combine to ground - camera tilts as combine goes away from camera  | 6               |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B547             | LS  | COMBINING ALTA FESCUE in large field -<br>Self-propelled combine comes to camera<br>combining standing fescue - sacks of<br>seed in FG  | 13             |
| B548             | MS  | COMBINING ALTA FESCUE in large field -<br>Sacked seed on right side of frame -<br>self-propelled combine comes MCU to<br>camera - same field and combine as in<br>B547                | 8              |
| B549             | MS  | COMBINING ALTA FESCUE - Up shot of<br>self-propelled combine as it comes ECU<br>to camera   | 16             |
| B550             | MS  | BINDING ALTA FESCUE - Two girls shocking<br>bundles of grass - tractor-drawn binder<br>moves from R to L, pan as it passes in FG  | 8              |
| B551             | MLS | BINDING ALTA FESCUE - Tractor-drawn<br>binder going across large field  | 7              |
| B552             | MS  | SHOCKING BUNDLES OF ALTA FESCUE - Two<br>girls and man walk away from camera and<br>start another shock   | 9              |
| B553             | LS  | BINDING ALTA FESCUE - Large field -<br>standing grass in FG and BG, middle field<br>in shocks - tractor-drawn binder passes R<br>to L in middle of frame - mountains in<br>extreme BG | 10             |
| B554             | LS  | Same as B553 - Binder farther away from<br>camera   | 12             |
| B555             | MLS | MARION BLUE GRASS, Washington - Two<br>self-propelled combines come to camera   | 8              |
| B556             | MCU | Same as B555  | 7              |
| B557             | CU  | MILLET - Ripe heads against sky - Calif.  | 7              |
| B558             | ECU | Same as B557  | 8              |
| B559             | CU  | MILLET HEADS without sheath   | 6              |
| B560             | MS  | COMBINING MILLET - Self-propelled combine<br>comes to camera into ECU - man sacking<br>seed   | 31             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B561             | MS  | COMBINING MILLET - Self-propelled combine comes to camera - mountains in BG   | 26             |
| B562             | CU  | COMBINING MILLET - Pan with cradle as combine turns   | 5              |
| B563             | MS  | COMBINING MILLET - Front part of self-propelled combine goes away from camera - pan to rear to see chaff falling  | 12             |
| B564             | MLS | COMBINING MILLET - Self-propelled combine - pan as it goes across field from R to L - mountains in BG   | 19             |
| B565             | CU  | COMBINING MILLET - Cradle of combine approaches camera diagonally across field - camera holds and combine wipes the scene   | 17             |
| B566             | MS  | COMBINING MILLET - Pan with self-propelled combine as sacks are dropped from sack slide - pan to front of combine   | 12             |
| B567             | MS  | COMBINING SUDAN GRASS, California - Self-propelled combine comes diagonally across field picking up grass from windrows   | 12             |
| B568             | ECU | COMBINING SUDAN GRASS - Pick-up device on self-propelled combine in operation   | 7              |
| B569             | CU  | Same as B568 - Tilt up to operator  | 12             |
| B570             | MS  | COMBINING SUDAN GRASS - Seed from combine being transferred to hopper on truck  | 5              |
| B571             | MS  | COMBINING SUDAN GRASS - Self-propelled combine moving diagonally across field picking up grass from windrows - driver's platform heavily shaded by canopy - mountains in BG | 12             |
| B572             | MS  | COMBINING SUDAN GRASS - Side view of self-propelled combine dumping sacks of seed   | 8              |
| B573             | MCU | COMBINING SUDAN GRASS - Pick-up device on self-propelled combine picking up grass from windrows - tilt up to driver and man sewing a sack - faces shaded by canopy          | 22             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B574             | MLS | MOWING ALFALFA - Mower comes to CU camera  | 10             |
| B575             | MLS | MOWING ALFALFA - Similar to B574 - same field  | 7              |
| B576             | MS  | COMBINING ALFALFA in large field - Combine comes diagonally toward camera - high shot  | 12             |
| B577             | MCU | COMBINING ALFALFA - Combine comes to camera - alfalfa standing in FG   | 13             |
| B578             | LS  | COMBINING ALFALFA - Slightly rolling country - farm buildings in BG  | 8              |
| B579             | MLS | Same as B578 - Prettier  | 8              |
| B580             | CU  | COMBINING ALFALFA - Seed falling into hopper of combine - down shot - yellow seeds fill frame  | 4              |
| B581             | CU  | Same as B580   | 7              |
| B582             | MS  | ALFALFA SEED as they come from delivery spout of combine into metal boxes on truck bed - shot against blue sky   | 3              |
| B583             | MS  | Same as B582 - Seed stops pouring at 2 ft.   | 4              |
| B584             | MS  | COMBINING LADINO CLOVER - Combine, rebuilt especially to harvest legume seed, comes diagonally across frame from L to R  | 5              |
| B585             | CU  | Same as B584 - Low angle shot - can see more clover in FG  | 8              |
| B586             | MCU | COMBINING LADINO CLOVER - Same machine as in B584 comes diagonally toward camera - two men at rear of machine  | 7              |
| B587             | MCU | Same as B586   | 4              |
| B588             | MS  | COMBINING LADINO CLOVER - Same machine as B584 comes to camera - truck pulls along side and hopper on top of combine drops seed into truck - small dog walks across FG | 15             |
| B589             | MS  | CRIMSON CLOVER field - Ripe  | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B590             | CU  | CRIMSON CLOVER - Ripe heads waving in breeze  | 3               |
| B591             | CU  | Same as B590  | 4               |
| B592             | CU  | CRIMSON CLOVER - Ripe seed heads being examines by hands  | 5               |
| B593             | MS  | CRIMSON CLOVER - Two tractors with cutter bars harvesting ripe clover - tractors go across field from R to L  | 8               |
| B594             | CU  | CRIMSON CLOVER - Tractor wheel and cutter bar come into view - camera pans with cutter bar  | 7               |
| B595             | LS  | CRIMSON CLOVER - Mower and windrower going away from camera cutting ripe clover - medium size field - trees in BG   | 6               |
| B596             | CU  | CRIMSON CLOVER field - Mower and windrower pass ECU to camera R to L  | 9               |
| B597             | LS  | CRIMSON CLOVER - Windrower comes diagonally toward camera from R to L into CU   | 14              |
| B598             | ECU | CRIMSON CLOVER - Same as B597 - down shot to show clover being raked  | 8               |
| B599             | MLS | CRIMSON CLOVER - Ripe - two tractor-drawn windrowers pass in field - pan left with one as it turns into ECU   | 10              |
| B600             | LS  | CRIMSON CLOVER - Ripe - windrower goes away from camera to top of small hill  | 10              |
| B601             | MS  | BERMUDA GRASS - Tractor-drawn field cultivator digging coastal bermuda grass - pan with it as it comes diagonally to and past camera  | 11              |
| B602             | MS  | BERMUDA GRASS - Tractor-drawn field cultivator moves from R to L and into LS away from camera   | $12\frac{1}{2}$ |
| B603             | MS  | BERMUDA GRASS - Two rakes moving diagonally across field raking grass into windrows - pan with second one as it comes into CU and rake is raised to make turn - considerable dust | 20              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B604             | MS  | Same as B603, one machine only - rake is raised and machine turns away from camera - trees and buildings in BG  | 9              |
| B605             | MS  | Same as B603 - Rake goes diagonally away from camera from L to R - lots of dust - trees and house in BG   | 6              |
| B606             | CU  | BERMUDA GRASS - Hand picks up sprigs and pulls apart  | 9              |
| B607             | MS  | BERMUDA GRASS being loaded with hay loader - Pan with truck and loader as they move R to L across field   | 4              |
| B608             | MLS | BERMUDA GRASS sprigs - Pump on edge of stream of water - truck loaded with bermuda sprigs enters from right and pulls along side of pump - driver hands hose to man on top of truck | 12             |
| B609             | MCU | Continuation of B608 - One man starts pump - man on top of truck waters sprigs  | 10             |
| B610             | CU  | Continuation of B609 - Up shot of man watering bermuda sprigs on truck  | 8              |
| B611             | MS  | BERMUDA GRASS sprigs being put into sacks - Man enters and holds sack which is marked "Georgia certified seed"  | 11             |
| B612             | CU  | Continuation of B611 - Sack being packed and sewed - hand action only   | 13             |

PROCESSING AND HANDLING GRASS SEED

|      |     |  |                 |
|------|-----|--|-----------------|
| B613 | MCU | RETHRESHING GRASS SEED - Thresher on paved area - man, without shirt, shovels seed into hopper - down shot | 8               |
| B614 | CU  | Same as B613 - Action continues  | 14              |
| B615 | CU  | GRASS SEED fills frame - Shovel enters and scoops up seed  | 4               |
| B616 | CU  | GRASS SEED pouring from delivery spout of rethresher into wooden box - Hand enters and spreads seed        | 6 $\frac{1}{2}$ |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B617             | MS  | MOVING BULK SEED - Man operating fork lift moves box of seed from rethresher to row of boxes  | 10             |
| B618             | MS  | SACKING SEED - Three men in open lot shovel grass seed into burlap sacks while a fourth man sews sacks by hand - street traffic and cars in BG  | 12             |
| B619             | MCU | SACKING SEED - Same action as in B618, different angle - man sewing sacks in FG, throws sack of seed over shoulder toward camera - parking lot and buildings in BG                                    | 9              |
| B620             | MS  | BULK SEED IN BOXES being moved - Man operating fork lift backs away from rethresher with box of seed, then moves forward toward camera to bring box into ECU  | 13             |
| B621             | MS  | MOVING BULK SEED IN BOXES - Man operating fork lift moves three boxes of seed from trailer and moves them toward camera up ramp into building - enters shaded area on ramp                            | 14             |
| B622             | MCU | STACKS OF BOXES filled with seed in warehouse - Fork lift enters from right and deposits two more boxes   | 8              |
| B623             | MCU | Continuation of above action - Fork lift backs out of scene   | 8              |
| B624             | CU  | CLEANING SEED - Down shot on scalper - man walks through FG, R to L, pauses to check machine  | 11             |
| B625             | CU  | CLEANING SEED - Seed agitated on scalper  | 5              |
| B626             | MS  | MOVING BULK SEED - Shot through door of building, man in left FG - trailer loaded with large boxes of bulk seed can be seen through doorway - fork lift moves into scene and picks up one box of seed | 14             |
| B627             | MS  | MOVING BULK SEED - Metal seed boxes on trailer - fork lift enters from right, picks up box, backs away, then brings box into ECU  | 13             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B628             | MCU | ALFALFA SEED falling into hopper of gravity separator - Seed fills frame  | 8              |
| B629             | CU  | Same as B628  | 7              |
| B630             | MS  | Same as B628  | 8              |
| B631             | MS  | ALFALFA SEED on gravity separator   | 4              |
| B632             | MCU | Same as B631  | 8              |
| B633             | MCU | ALFALFA SEED dropping from gravity separator  | $3\frac{1}{2}$ |
| B634             | CU  | Same as B633  | 3              |
| B635             | CU  | ALFALFA SEED dropping from separator into funnel  | 5              |
| B636             | CU  | ALFALFA SEED entering gravity separator   | 4              |
| B637             | MCU | CLIPPER SEED CLEANER, side view - Man walks through scene inspecting machine                                      | 16             |
| B638             | CU  | ALFALFA SEED falling into funnel from Clipper cleaner   | 7              |
| B639             | CU  | ALFALFA SEED dropping through screen of Clipper cleaner   | 7              |
| B640             | ECU | ALFALFA SEED coming from Dodder Mill - Shot from end of roller  | 8              |
| B641             | MS  | SEED SACKING MACHINE - Man checks sacks   | 6              |
| B642             | CU  | TOP OF SACK FILLED WITH SEED - Hand inserts blue tag and sews cloth sack with portable machine                    | 7              |
| B643             | MS  | SEWING TOP OF BURLAP SACK with portable machine - Man picks up sack and moves it toward camera                    | 10             |
| B644             | MCU | SACKING MACHINE - Man removes filled sack toward camera and sews sack with portable machine - moves sack into ECU | 14             |
| B645             | MCU | SEED INSPECTION - Inspector beside large pile of burlap sacks filled with seed takes sample from one bag          | 4              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B646             | MCU | Same as B645   | 3½             |
| B647             | CU  | SEED INSPECTION - Hand extracting sample of seed from burlap bag - places seed in manila envelope  | 3              |
| B648             | CU  | CERTIFIED SEED TAG - Man attaching blue tag to burlap bags of seed   | 11             |
| B649             | CU  | CERTIFIED SEED TAG - Blue tag, "Brome Grass, Manchar Smooth" and seal being attached to bag of seed  | 6              |
| B650             | CU  | BLUE TAG AND SEAL - Hand points out variety and holds seal for reading - "Good Seed - Better Crops"  | 6              |
| B651             | ECU | SEAL "Good Seed - Better Crops" held in hand   | 3              |
| B652             | ECU | Same as B651   | 5              |
| B653             | CU  | CERTIFICATE for seed being made out - Hand action  | 8              |
| B653a            | MCU | LOADING SEED - Double flat-bedded trailer partially loaded with sacked seed - fork lift enters with pallet of sacks, places them on truck and backs out of scene | 11             |
| B655             | MS  | LOADING SEED - Fork lift loaded with sacks of seed comes to rear of covered trailer truck - man standing in back of truck unloads sacks                          | 11             |
| B656             | CU  | Same truck as in B655 loaded with sacked seed - Man closes door  | 14             |

CATTLE

|      |     |   |   |
|------|-----|---|---|
| B657 | MS  | WHITE-FACED COWS standing on sparse desert range, partially hidden in brush | 4 |
| B658 | MCU | WHITE-FACED CATTLE (approximately 15) standing on very sparse desert range  | 7 |
| B659 | MLS | WHITE-FACED CATTLE (three) standing on sparse desert range                  | 4 |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B660             | MCU | WHITE-FACED CATTLE in crimson clover pasture - Bare spots in FG - cattle walk across frame - some stop and look at camera  | 9              |
| B661             | LS  | HOLSTEIN CATTLE walking and running in piper sudan grass - few trees in BG   | 6              |
| B662             | LS  | Same as B661 - Slightly different angle  | 6              |
| B663             | MS  | HOLSTEIN CATTLE (about 12) in tall piper sudan pasture   | 9              |
| B664             | MCU | Same as B663   | 6              |
| B665             | MCU | Down shot on B663  | 8              |
| B666             | MCU | HOLSTEIN CATTLE grazing in tall piper sudan pasture - Sparse vegetation with trees in rolling BG   | 5              |
| B667             | CU  | HOLSTEIN CATTLE - Four grazing in tall piper sudan grass - down shot   | 4              |
| B668             | MS  | HOLSTEIN CATTLE entering a "ration-a-day" alfalfa pasture - Pan slightly as cattle run to alfalfa  | 15             |
| B669             | MS  | Continuation of B668 - FG shows where cattle grazed the day before - all cows are in upper half of frame in today's ration - down shot   | 5              |
| B670             | MS  | HOLSTEIN COWS in "ration-a-day" alfalfa pasture - Pan left across herd - "Ration-a-day" plan of pasture is very evident  | 18             |
| B671             | CU  | HOLSTEIN COW - Head shot - grazing on lush clover and grass pasture - pan with head to reveal other portions of body   | 8              |
| B672             | CU  | HOLSTEIN COW - Head shot - grazing on good clover and grass pasture  | 8              |
| B673             | MCU | HOLSTEIN CATTLE being fed green forage - Down shot as forage is dumped into long concrete trough from mechanical unloader - tilt up as truck moves away from camera distributing forage - cattle in pen eat as forage is dropped | 26             |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B674             | MCU | Same as B673  | 6              |
| B675             | CU  | HOLSTEIN COWS (six) eating forage - Can cut with B673 and B674  | 5              |
| B676             | ECU | HOLSTEIN COWS - Head shot of two eating green forage - can cut with B673, B674, B675                        | 4              |
| B677             | MS  | JERSEY COWS entering "ration-a-day" alfalfa pasture from L to R across frame                                | 14             |
| B678             | MCU | JERSEY COWS grazing on "ration-a-day" lush alfalfa pasture  | 7              |
| B679             | MCU | Same as B678, except electric fence to separate pastures can be seen in FG                                  | 4              |
| B680             | MS  | Same as B679  | 6              |
| B681             | MLS | JERSEY CATTLE grazing on crimson clover pasture in pecan orchard - Long pan R to L - some clover in blossom | 16             |
| B682             | MS  | JERSEY COWS - Three grazing on crimson clover in pecan orchard  | 6              |

SHEEP

|      |     |   |   |
|------|-----|---|---|
| B683 | LS  | FLOCK OF SHEEP grazing on mountain pasture                                | 4 |
| B684 | MS  | Same as B683  | 5 |
| B685 | MLS | FLOCK OF SHEEP moving across mountain pasture - down shot                 | 5 |
| B686 | MLS | FLOCK OF SHEEP bunched closely together on mountain pasture - down shot   | 6 |
| B687 | MCU | FLOCK OF SHEEP grazing on mountain pasture - down shot                    | 6 |
| B688 | MS  | Same as B687  | 7 |
| B689 | MCU | FLOCK OF SHEEP in B687 (about 34) grazing on mountain pasture - down shot | 3 |
| B690 | MS  | FLOCK OF SHEEP grazing on mountain pasture - down shot                    | 4 |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> | <u>Description</u> |   | <u>Footage</u> |
|------------------|--------------------|---|----------------|
| B691             | CU                 | SHEEP - Down shot on five sheep grazing on mountain pasture                               | 5              |
| B692             | MS                 | SHEEP grazing on irrigated pasture - Farm buildings in BG - irrigation system not visible | 4              |

DAMS

|      |     |   |    |
|------|-----|---|----|
| B693 | CU  | GRAND COULEE DAM showing heavy flow of water - Diagonal shot from west end  | 11 |
| B694 | CU  | GRAND COULEE DAM - Same as B693   | 10 |
| B695 | MCU | GRAND COULEE DAM - Shot from east end   | 12 |
| B696 | MS  | GRAND COULEE DAM - Same as B695   | 12 |
| B697 | MCU | GRAND COULEE DAM - Same as B695   | 8  |
| B698 | MS  | GRAND COULEE DAM - Shot from east end and slightly above lake water level   | 12 |
| B699 | MLS | GRAND COULEE DAM - Same as B698   | 8  |
| B700 | MS  | GRAND COULEE DAM - High shot from west side above dam showing supply pipes in FG for irrigation project   | 8  |
| B701 | MCU | GRAND COULEE DAM - Same as B700 except more pipes can be seen in FG   | 7  |
| B702 | CU  | GRAND COULEE DAM - Supply pipes for irrigation fill FG - lake and top of dam in BG  | 11 |
| B703 | MS  | GRAND COULEE DAM - Down shot showing surface and lake overflow and highway across dam - pan right across dark surface of lake along supply pipes to control house | 12 |
| B704 | MS  | Similar to B703 - Shot with wide angle lens   | 11 |
| B705 | MS  | GRAND COULEE IRRIGATION DITCH, concrete-lined - Reflection of blue sky in water   | 6  |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B706             | MS  | GRAND COULEE IRRIGATION equalization ditch - Water flowing through ditch - down shot | 6              |
| B707             | MLS | HOOVER DAM shot from hilltop showing lower side of dam - Mountains in BG             | 6              |
| B708             | LS  | SHASTA DAM - Trees in FG, mountains in BG - no water flowing over dam                | 9              |
| B709             | MS  | SHASTA DAM - Same as B708  | 6              |
| B710             | MCU | SHASTA DAM - Center portion - shot from below dam - no water flowing over dam        | 4              |

PREPARING LAND FOR IRRIGATION

|      |     |   |    |
|------|-----|---|----|
| B711 | MS  | LANDPLANE - Tractor-drawn - moving diagonally across very large field R to L to camera  | 5  |
| B712 | MS  | LANDPLANE - CU of scraper at center of equipment - pan toward front as it completes turn and moves away from camera   | 24 |
| B713 | CU  | LANDPLANE - Scraper moves into CU and rear wheel passes - tractor-drawn subsoiler comes into scene from right and goes into MLS   | 25 |
| B714 | ECU | SUB SOILER - Tractor-drawn - passes in front of camera from R to L and comes into CU - pan with equipment as it moves from camera   | 6  |
| B715 | LS  | LAND-LEVELING OPERATION - Pan with earth-moving equipment as it moves diagonally into MCU   | 16 |
| B716 | MS  | LAND-LEVELING OPERATION - Tractor-drawn earth-moving equipment passes diagonally across camera range from R to L  | 9  |
| B717 | LS  | LAND-LEVELING OPERATION - Earth-moving equipment comes toward camera and obscures another machine going in the opposite direction - pan with equipment as it comes into ECU and is obscured by dust | 12 |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u>  |     | <u>Description</u>  | <u>Footage</u> |
|-------------------|-----|---|----------------|
| <u>IRRIGATION</u> |     |   |                |
| B718              | CU  | IRRIGATION - Rear view of tractor equipment as it goes away from camera cleaning corrugations between rows of alfalfa for irrigation - blue sky, white clouds     | 16             |
| B719              | MS  | IRRIGATION - Water flowing into standing pipe - Pump in middle of scene - man climbs ladder against pipe and turns valve, walks out of picture - alfalfa in BG    | 12             |
| B720              | MS  | IRRIGATION - Man opening irrigation valve in pot with key - alfalfa in BG   | 5              |
| B721              | MS  | Continuation of B720 - Man lifts key out and walks out of scene - alfalfa in BG   | 8              |
| B722              | CU  | IRRIGATION - Water flowing from pot - key is lifted out - several bees flying around pot  | 8              |
| B723              | CU  | IRRIGATION - Water flowing from irrigation pot  | 5              |
| B724              | MS  | IRRIGATION - Man laying canvas dam in irrigation ditch - irrigated alfalfa pasture in BG  | 11             |
| B725              | MS  | IRRIGATION DITCH being cleaned out by same man as in B724 - he is using shovel  | 7              |
| B726              | MS  | IRRIGATION DITCH - Two men placing siphons along ditch, away from camera - clover in BG, beehives in extreme BG   | 4              |
| B727              | MS  | Same as B726 except men are working toward camera   | 16             |
| B728              | LS  | IRRIGATION - Irrigated pasture with Hereford cows in extreme BG - portion of main ditch with gate in FG - lateral ditch goes diagonally from camera - hills in BG | 5              |
| B729              | MLS | IRRIGATION - Same pasture as in B728 - valve and bank of main ditch in FG - Hereford cattle in pasture  | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>   | <u>Footage</u> |
|------------------|-----|--|----------------|
| B730             | MS  | IRRIGATION - Irrigated pasture - main ditch in FG goes diagonally away from camera - cattle grazing in middle BG - hills in BG, blue sky reflecting in water | 7              |
| B731             | MLS | IRRIGATION - Irrigated pasture with Hereford cattle in extreme BG - portion of main ditch with gate in FG - lateral ditch goes diagonally away from camera   | 7              |
| B732             | MLS | IRRIGATION - Irrigated pasture with main ditch in FG goes diagonally away from camera - cattle grazing on pasture - blue sky reflecting in water             | 10             |
| B733             | LS  | IRRIGATION - Spray type system in operation in large field of grass for seed crop - valve and pipe in FG - mountains in BG, blue sky with white clouds       | 10             |
| B734             | MLS | IRRIGATION - Spray system in operation on wheels running diagonally across very large field of Kenlin clover   | 9              |
| B735             | MCU | Same as B734 - Down shot   | 7              |
| B736             | MS  | Same as B734 - Low angle shot - valve in middle FG - clover blossoms in FG   | 13             |
| B737             | LS  | IRRIGATION - Very large field of Kenlin Red clover in blossom - spray type irrigation system in operation in BG  | 6              |
| B738             | LS  | Same field as B737 - Sprayers go from middle of frame to BG  | 8              |
| B739             | LS  | IRRIGATION - Field of grass with spray irrigation system in operation - goes diagonally from FG to BG  | 8              |

BEES

|      |    |   |    |
|------|----|---|----|
| B740 | LS | HONEY BEES - Shot across large field of alfalfa in bloom - several beehives in middle of frame to BG - two men unloading hives from truck by hand | 11 |
| B741 | MS | Same as B740 - Unloading beehives   | 9  |
| B742 | MS | Same as B740  | 13 |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u>  |
|------------------|-----|---|-----------------|
| B743             | MCU | Same as B740  | 13              |
| B744             | MLS | Same as B740  | 5               |
| B745             | MS  | Same as B740  | 11              |
| B746             | MS  | HONEY BEES - Eight beehives in large field of Ladino clover in blossom  | 5               |
| B747             | MS  | Same as B746  | 5               |
| B748             | MS  | Same as B746  | 7               |
| B749             | MCU | HONEY BEES - Beehives being unloaded in alfalfa field from truck with a boom which is a one-man operation                                 | 7               |
| B750             | CU  | Same action continued as in B749  | 7               |
| B751             | MCU | Continuation of B749  | $11\frac{1}{2}$ |
| B752             | MS  | HONEY BEES - Approximately 20 stacks of beehives in two rows - trees on left of frame - light clouds in sky - no crop or activity evident | 8               |
| B753             | MS  | Same as B752  | 9               |
| B754             | MS  | Same as B752 - different angle - dark BG  | 6               |
| B755             | CU  | Same as B752 - Only seven stacks can be seen  | 8               |
| B756             | CU  | HONEY BEES - Base of beehive in Ladino clover - bees swarming at entrance of hive   | 6               |
| B757             | ECU | Same as B756  | 3               |
| B758             | ECU | Same as B756  | 8               |
| B759             | ECU | HONEY BEES entering and leaving hive  | 7               |
| B760             | ECU | Same as B759  | 7               |
| B761             | ECU | Same as B759  | 7               |
| B762             | ECU | Same as B759  | 8               |
| B763             | CU  | HONEY BEE on spike of white sweet clover - shot against blue sky, bee leaves at 6 ft.   | 7               |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B764             | MCU | HONEY BEE on spike of clover - Two other spikes slightly out of focus in frame - shot against blue sky    | 6              |
| B765             | MCU | HONEY BEE on pink alfalfa blossom   | 3              |
| B766             | MCU | HONEY BEE - Same as B765  | 4              |
| B767             | LS  | ALKALI BEES in flight over colony   | 5              |
| B768             | MCU | ALKALI BEE BURROWS - Bees hovering over burrows   | 4              |
| B769             | CU  | ALKALI BEE COLONY - Bees hovering over burrows  | 7              |
| B770             | MCU | ALKALI BEES - One bee emerges from burrow - turns around and reenters at 1 ft. - hold on burrow for 2 ft. | 3              |
| B771             | CU  | ALKALI BEE BURROWS - Bee alights and enters burrow - disappears at 1 ft.                                  | 3              |
| B772             | CU  | ALKALI BEE BURROWS - Bee hovers over burrow but does not alight   | 8              |
| B773             | MCU | ALKALI BEE BURROWS - Several bees hovering  | 3              |
| B774             | CU  | ALKALI BEE BURROWS - Same as B773   | 6              |
| B775             | CU  | ALKALI BEE COLONY - Sparse vegetation - several bees hovering - three alight and enter burrows            | 8              |
| B776             | MS  | ALKALI BEE COLONY - Several bees active over burrows  | 11             |
| B777             | MCU | ALKALI BEE COLONY - Portion cut away - hand with knife cuts more away to reveal inside burrows            | 8              |
| B778             | CU  | Same as B777 - Knife blade enters and points out pollen ball with larva attached - knocks out ball        | 4              |
| B779             | CU  | Same as B777 - Larger area cut away - knife points out larva on pollen ball                               | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |    | <u>Description</u>   | <u>Footage</u> |
|------------------|----|--|----------------|
| B780             | CU | Same as B777 - Shows larva on pollen ball, as a second larva is shown on partly consumed pollen ball | 4              |
| B781             | CU | Similar to B777 - Large larva on partially consumed pollen ball                                      | 5              |
| B782             | CU | ALKALI BEE digging burrow  | 4              |
| B783             | CU | ALKALI BEE emerging from burrow - Surveys situation and retreats                                     | 3              |
| B784             | CU | Same as B783   | 5              |
| B785             | CU | ALKALI BEE on red clover blossom   | 3              |
| B786             | MS | ALKALI BEE moves from one clover blossom to another - Green leaves as BG                             | 4              |
| B787             | MS | Same as B786   | 3              |

MISCELLANEOUS

|      |     |  |    |
|------|-----|--|----|
| B788 | MLS | PERIOD SHOT - Man wearing buckskin jacket and fur cap plants small plot - goes L to R making holes with stick and dropping seed - shot between two log cabins, framed by large trees | 23 |
| B789 | MS  | Same as B788   | 22 |
| B790 | CU  | PERIOD SHOT - Same man and action as in B788 - Shot against blue sky, waist up   | 14 |
| B791 | MLS | PERIOD SHOT - Farmer plowing with a two-horse plow turning soil - goes from R to L across frame - shot against sky - farmer has beard  | 8½ |
| B792 | CU  | Similar to B791 - Passes diagonally across frame from R to L - CU of sod being turned  | 6  |
| B793 | MS  | Similar to B791 - Farmer plowing goes across frame from R to L - dog comes into picture last few frames - shot against sky   | 7  |
| B794 | MS  | Same as B793, except dog is not in frame   | 9  |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |     | <u>Description</u>  | <u>Footage</u> |
|------------------|-----|---|----------------|
| B795             | MS  | PERIOD SHOT - Same farmer and field as B793 - plowing from R to L - two dogs in scene   | 10             |
| B796             | MS  | PERIOD SHOT - Man in buckskin jacket and fur cap chopping tree with ax - dense forest   | 8              |
| B797             | MS  | Same as B796  | 11             |
| B798             | MCU | Same as B796  | 14             |
| B799             | MCU | PERIOD SHOT - Man in B796 chopping log  | 9              |
| B800             | MCU | Same as B799  | 11             |
| B801             | LS  | DARK CLOUDY SKY - Pan down to dark FG   | 8              |
| B802             | LS  | DARK STORMY SKY - Dark FG - mountains in BG   | 7              |
| B803             | LS  | RED SUNSET - Dark FG - shot from moving car   | 23             |
| B804             | MS  | PASTURE - One side shows grazed pasture, other shows ungrazed - farmer walks to camera  | 7              |
| B805             | MCU | PASTURE - Farmer drives stake and connects electric wire to divide grazed and ungrazed pasture  | 7              |
| B806             | MS  | TURNING UNDER GREEN MANURE - Tractor-drawn plow comes to camera and makes right turn in front of camera - goes to center of frame - woods surround three sides of field | 11             |
| B807             | MS  | Continuation of B806 - Plow goes away from camera   | 10             |
| B808             | CU  | Continuation of B807 - Plow comes to and past camera L to R - tilt down to see sod being turned   | 11             |
| B809             | MLS | TURNING UNDER GREEN MANURE - Tractor-drawn plow goes diagonally away from camera from R to L - farm buildings and white silo in BG                                      | 8              |

Scenes from USDA Prod. #1181  
BETTER SEEDS FOR BETTER GRASSLANDS

| <u>Scene No.</u> |    | <u>Description</u>   | <u>Footage</u> |
|------------------|----|--|----------------|
| B810             | MS | TURNING UNDER GREEN MANURE - Tractor-drawn plow comes to camera  | 10             |
| B811             | MS | TURNING UNDER GREEN MANURE - Tractor-drawn plow comes to and past camera L to R - tilt down to see sod being turned  | 17             |
| B812             | CU | TURNING UNDER GREEN MANURE - Tractor-drawn plow comes to and turns in front of camera L to R - tilt down to see plow turning sod - tilt back up to entire plow | 12             |
| B813             | CU | TURNING UNDER GREEN MANURE - Tractor-drawn plow comes into frame from behind camera and goes into MS - plow makes first turn of sod in field of crimson clover | 11             |

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